全球瞩目的新锐历史学家力作

人类简史

从动物到上帝

[以色列] 尤瓦尔·赫拉利◎著　林俊宏◎译

Sapiens

A Brief History of Humankind

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解除历史的枷锁，看到多种多样的未来

中信出版社·CHINACITICPRESS

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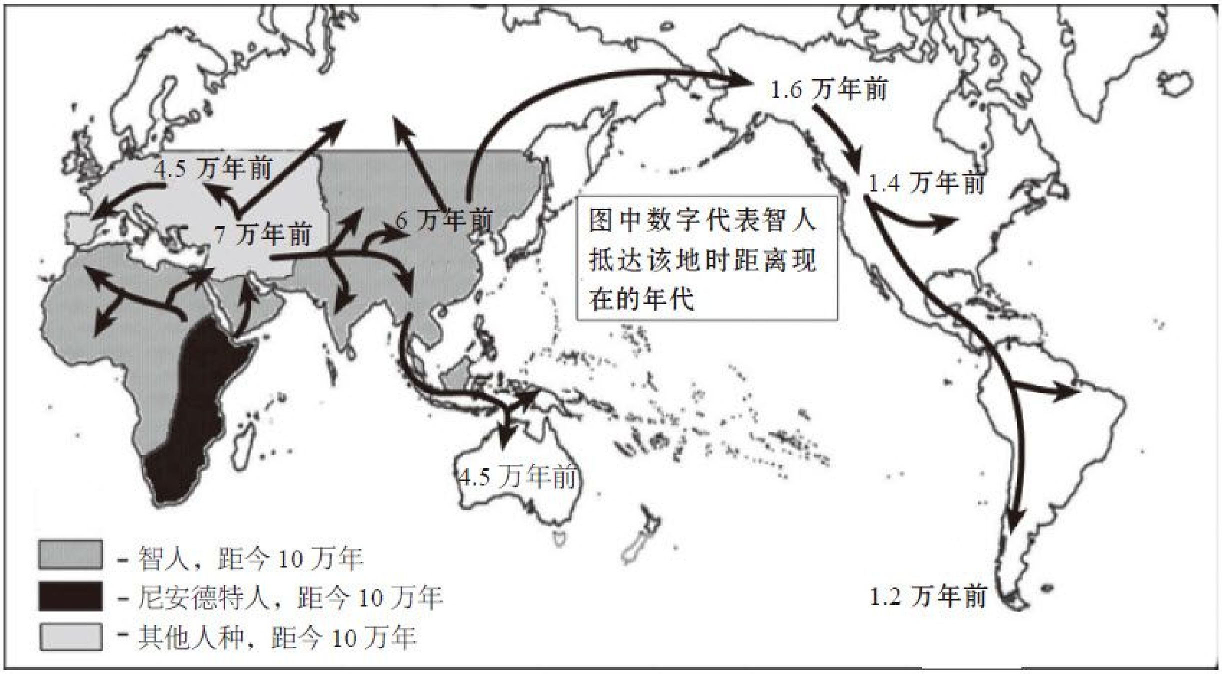
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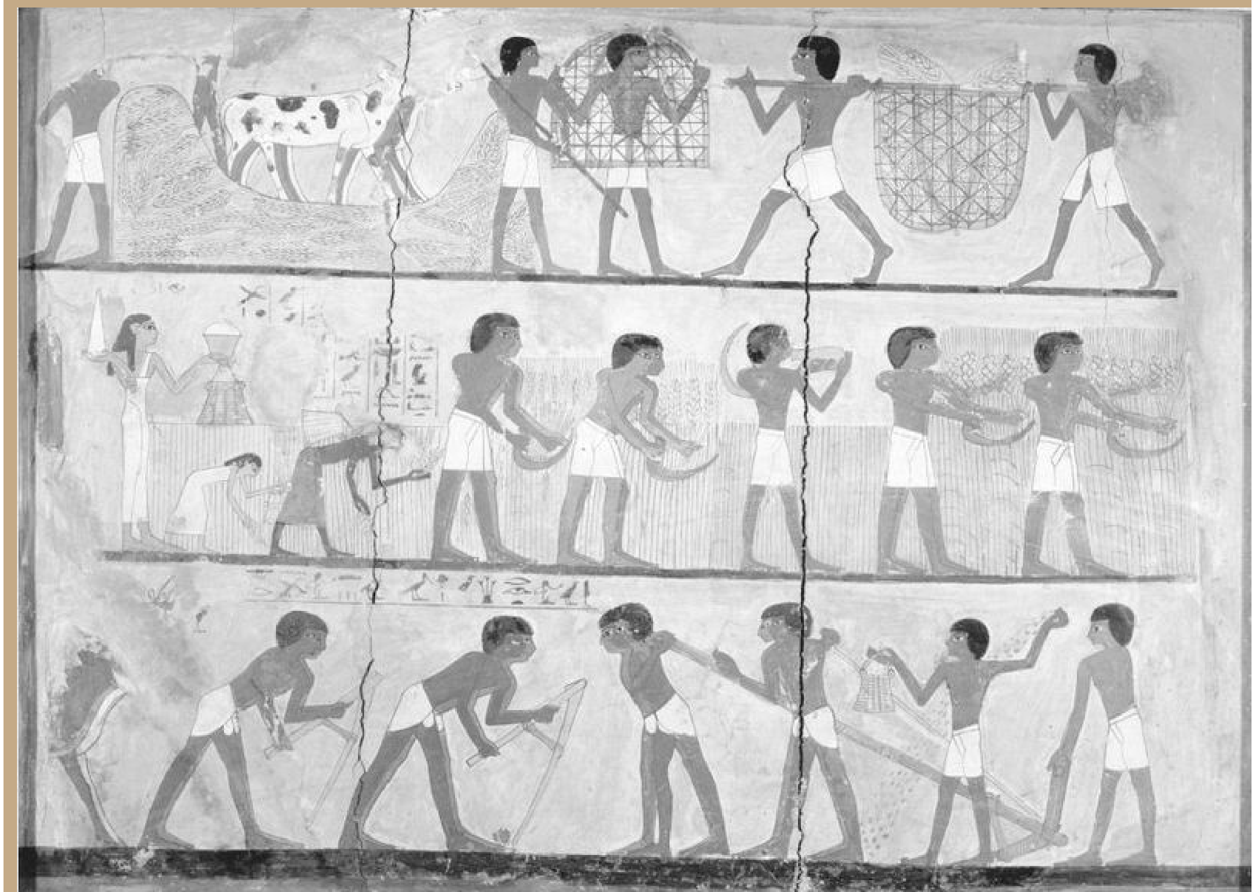
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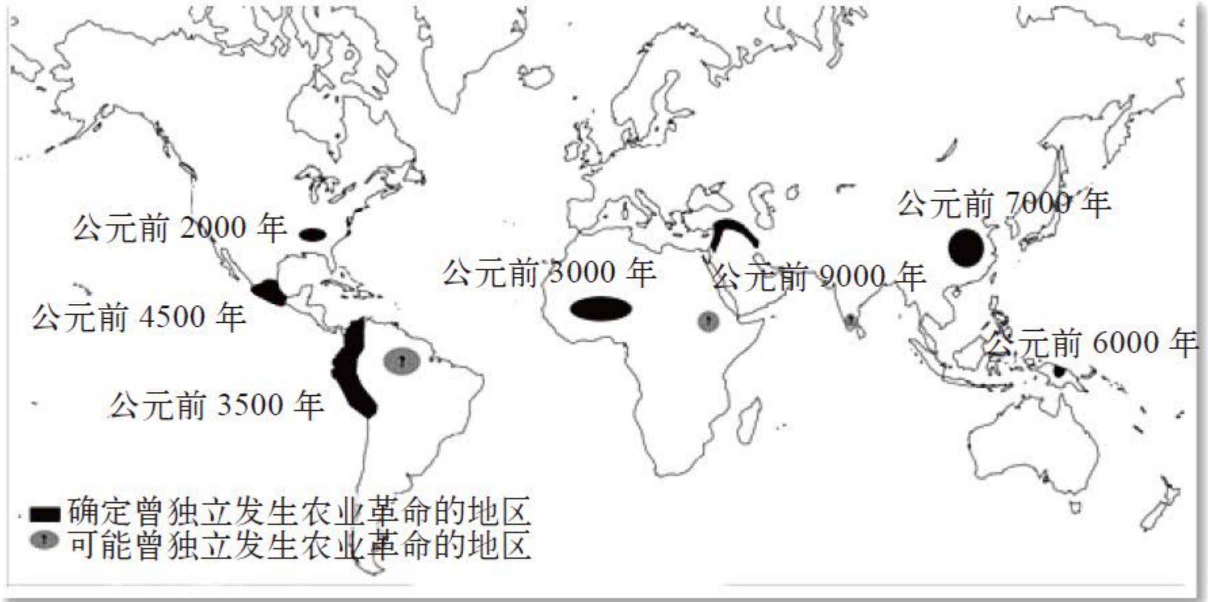
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确定曾独立发生农业革命的地区
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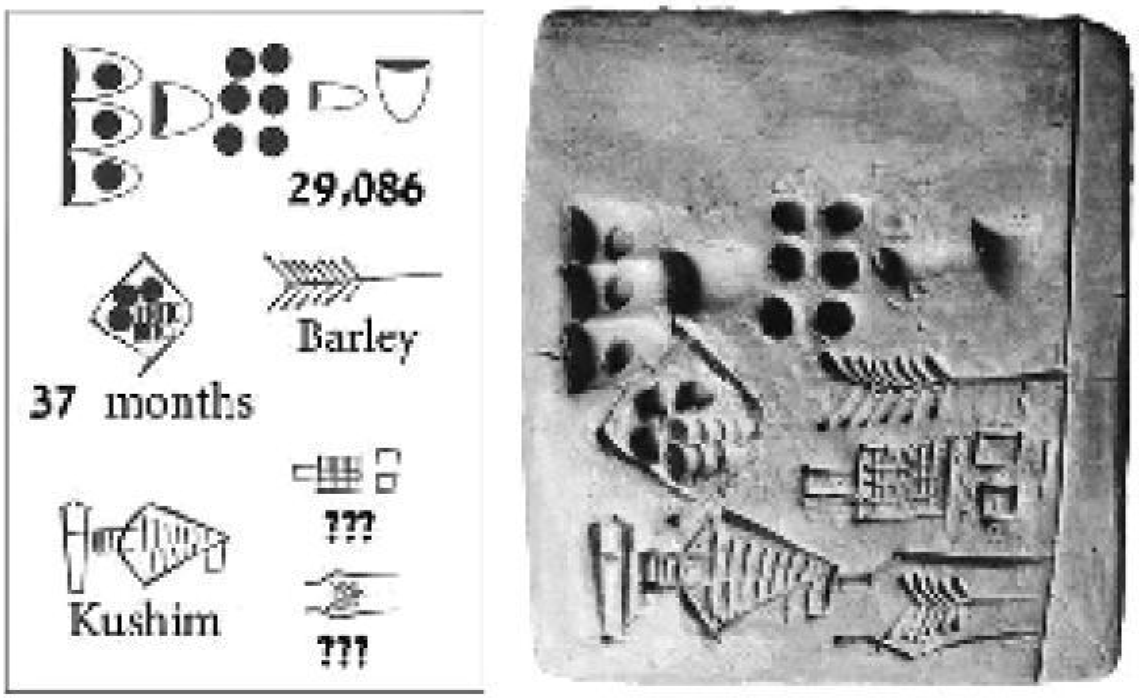
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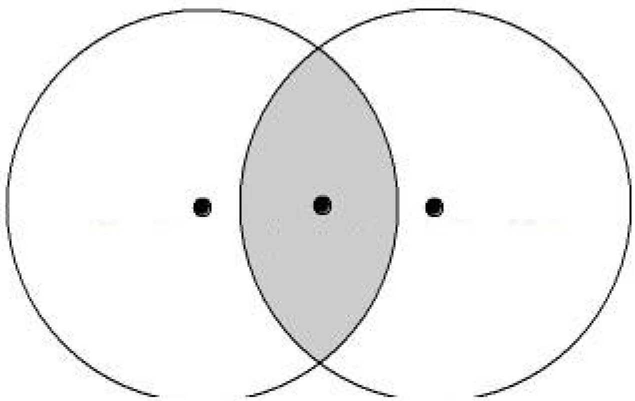
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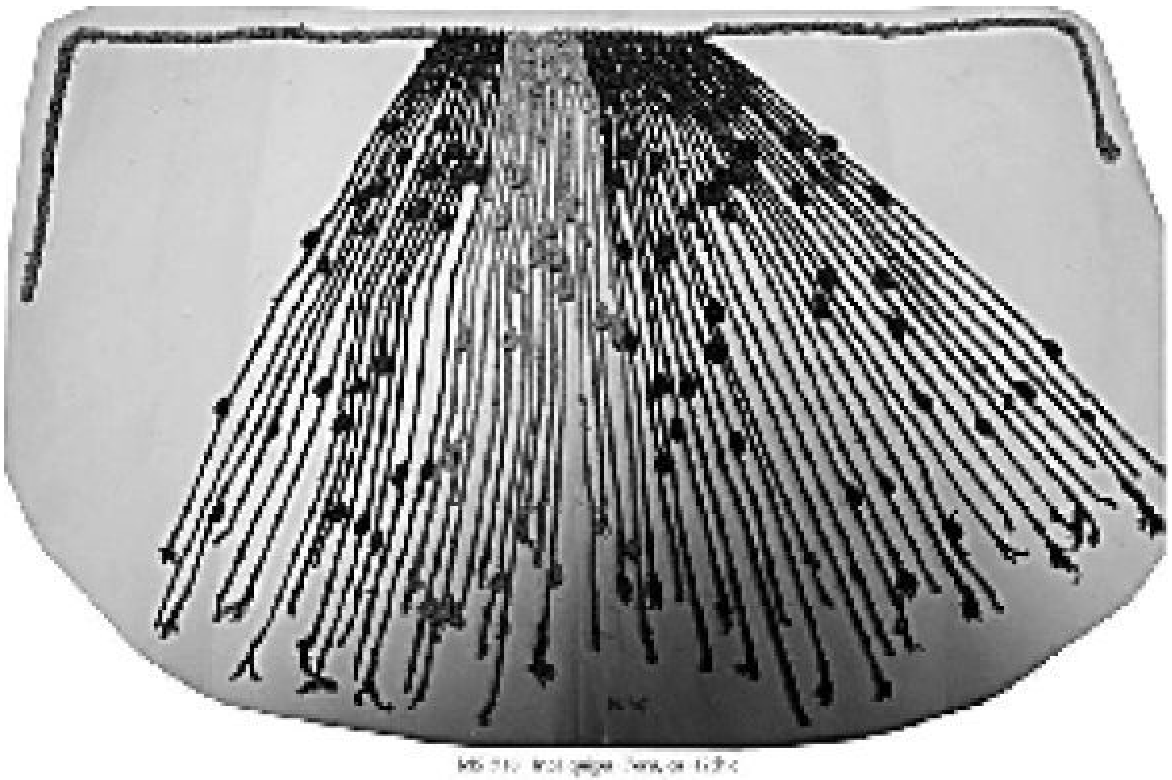
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\begin{aligned}
\ddot{\mathbf{r}}_i = \sum_{j\neq i} \frac{\mu_j\left(\mathbf{r}_j - \mathbf{r}_i\right)}{r_{ij}^3} \Bigg\{ 1 - \frac{2(\beta+\gamma)}{c^2} \sum_{l\neq i} \frac{\mu_l}{r_{il}} \\
& - \frac{2\beta - 1}{c^2} \sum_{k\neq j} \frac{\mu_k}{r_{jk}} + \gamma \left(\frac{\dot{s}_i}{c}\right)^2 \\
& + (1+\gamma)\left(\frac{\dot{s}_j}{c}\right)^2 - \frac{2(1+\gamma)}{c^2}\, \dot{\mathbf{r}}_i \cdot \dot{\mathbf{r}}_j \\
& - \frac{3}{2c^2}\left[\frac{\left(\mathbf{r}_i - \mathbf{r}_j\right)\cdot \mathbf{r}_j}{r_{ij}}\right]^2 + \frac{1}{2c^2}\left(\mathbf{r}_j - \mathbf{r}_i\right) \\
& \cdot \ddot{\mathbf{r}}_j \Bigg\} \\
& + \frac{1}{c^2} \sum_{j\neq i} \frac{\mu_i}{{r_{ij}}^3} \left\{ \left[\mathbf{r}_i - \mathbf{r}_j\right] \right. \\
& \left. \cdot \left[(2+2\gamma)\, \dot{r}_i - (1+2\gamma)\, \dot{\mathbf{r}}_j\right] \right\} \left(\dot{\mathbf{r}}_i - \dot{\mathbf{r}}_j\right) \\
& + \frac{3+4\gamma}{2c^2} \sum_{j\neq i} \frac{\mu_j \ddot{\mathbf{r}}_j}{r_{ij}}
\end{aligned}
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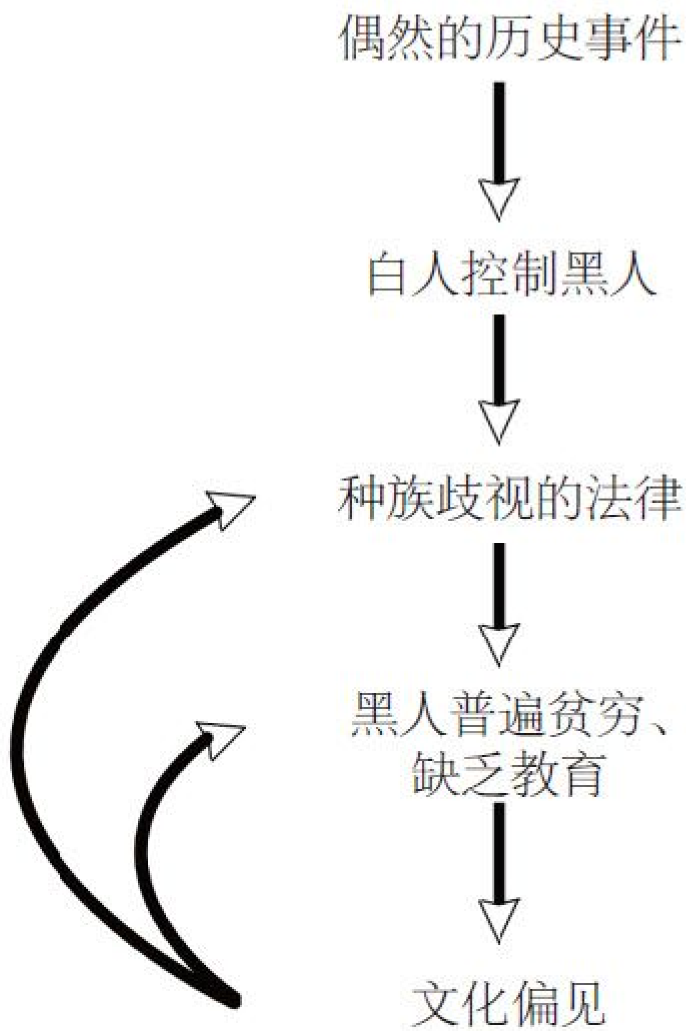
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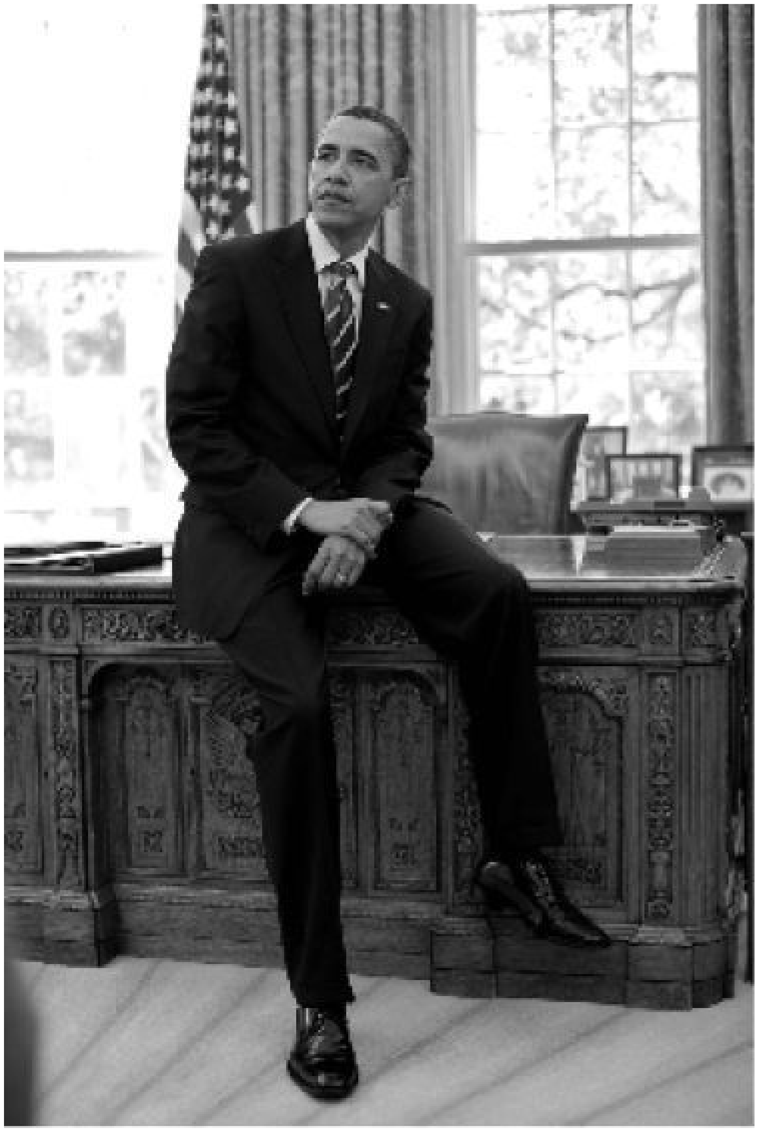
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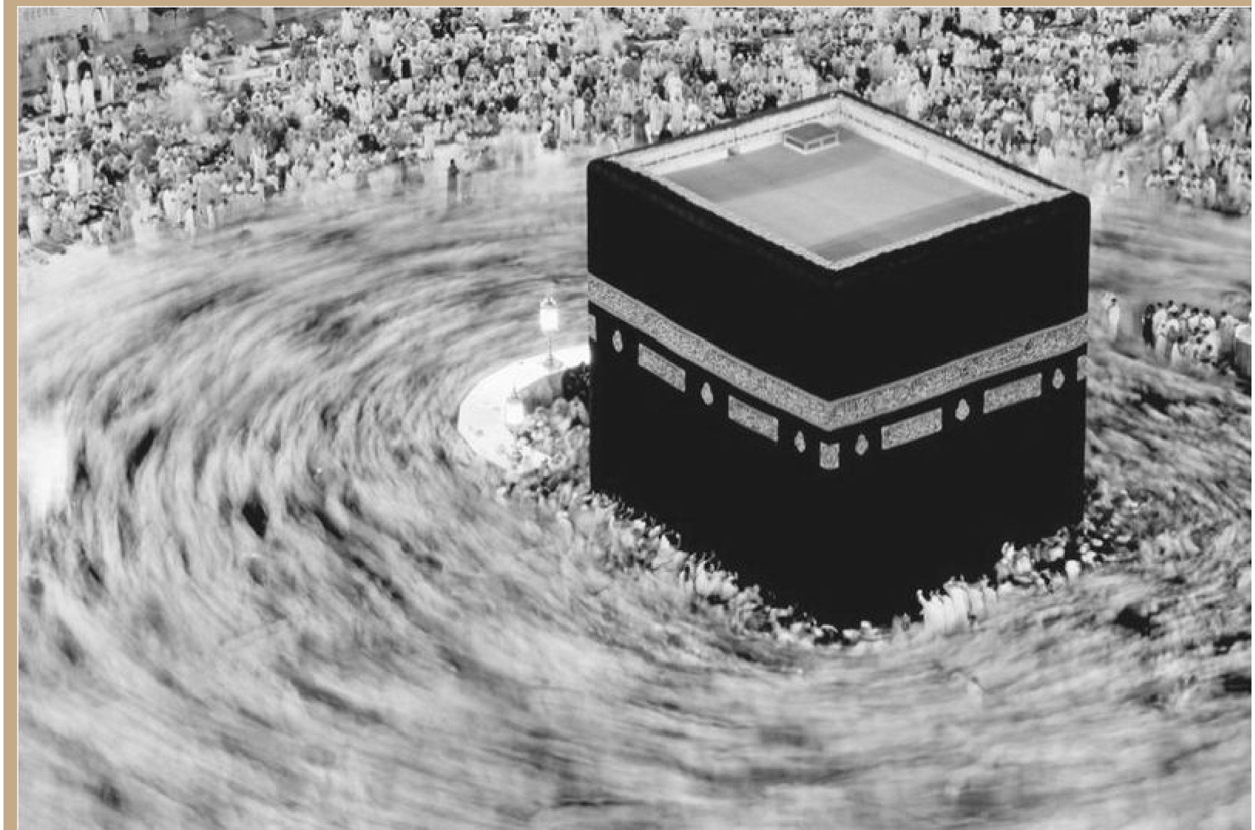
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[illegible]“[illegible]”[illegible]ethnic food[illegible]“[illegible]”[illegible]·[illegible]William Tell[illegible]400[illegible]1492[illegible]

[illegible]17[illegible]18[illegible]1492[illegible]Sioux[illegible]Apache[illegible]19[illegible]“[illegible]”[illegible]

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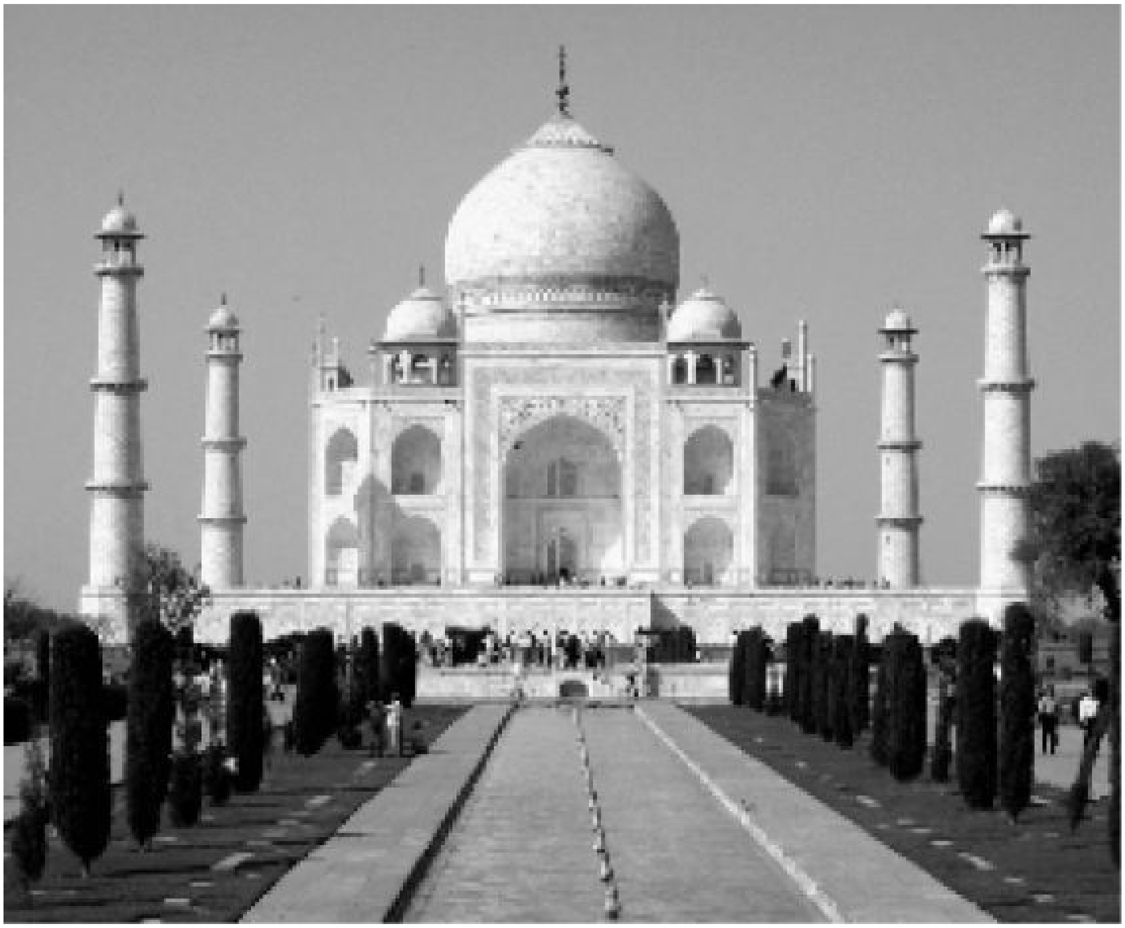


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“” Sadhu Sannyasis “”

Ganesha Lakshmi Saraswati

Osiris Jupiter Huitzilopochtli Cybele Isis

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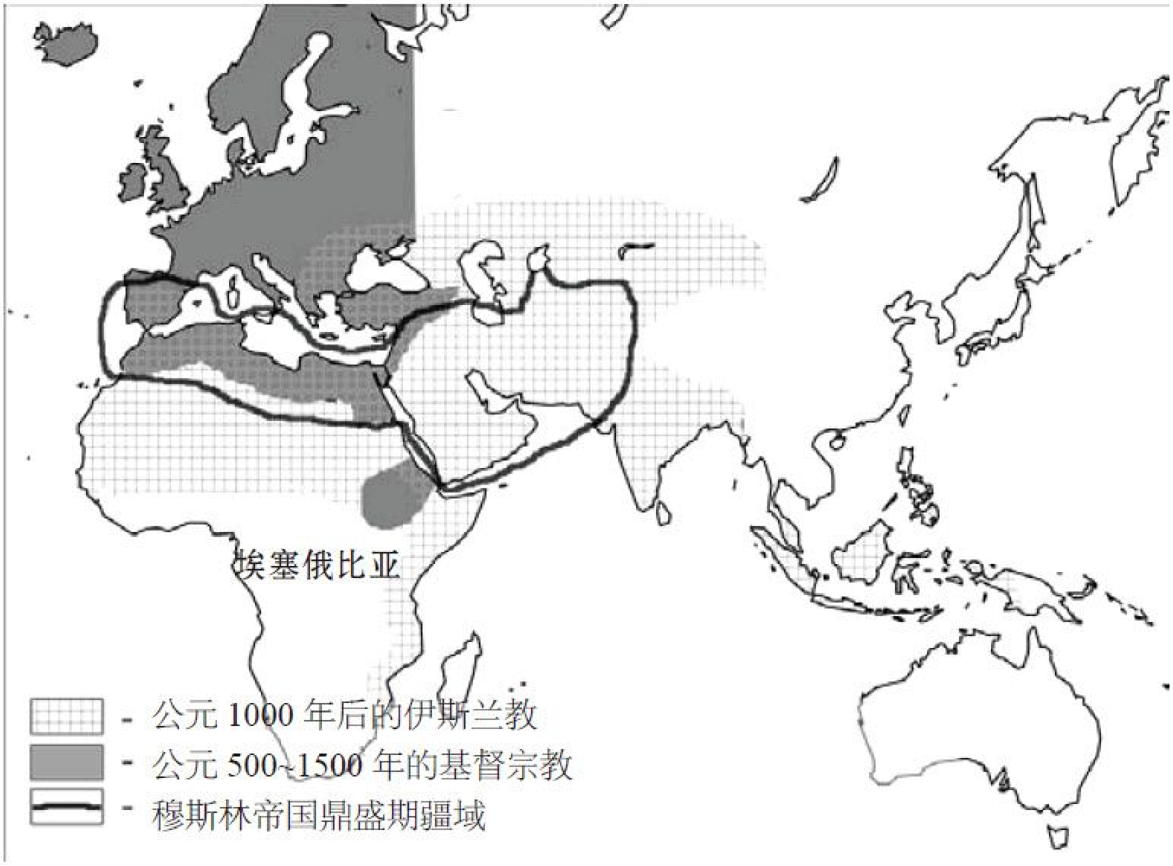
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埃塞俄比亚
公元 1000 年后的伊斯兰教
公元 500~1500 年的基督宗教
穆斯林帝国鼎盛期疆域

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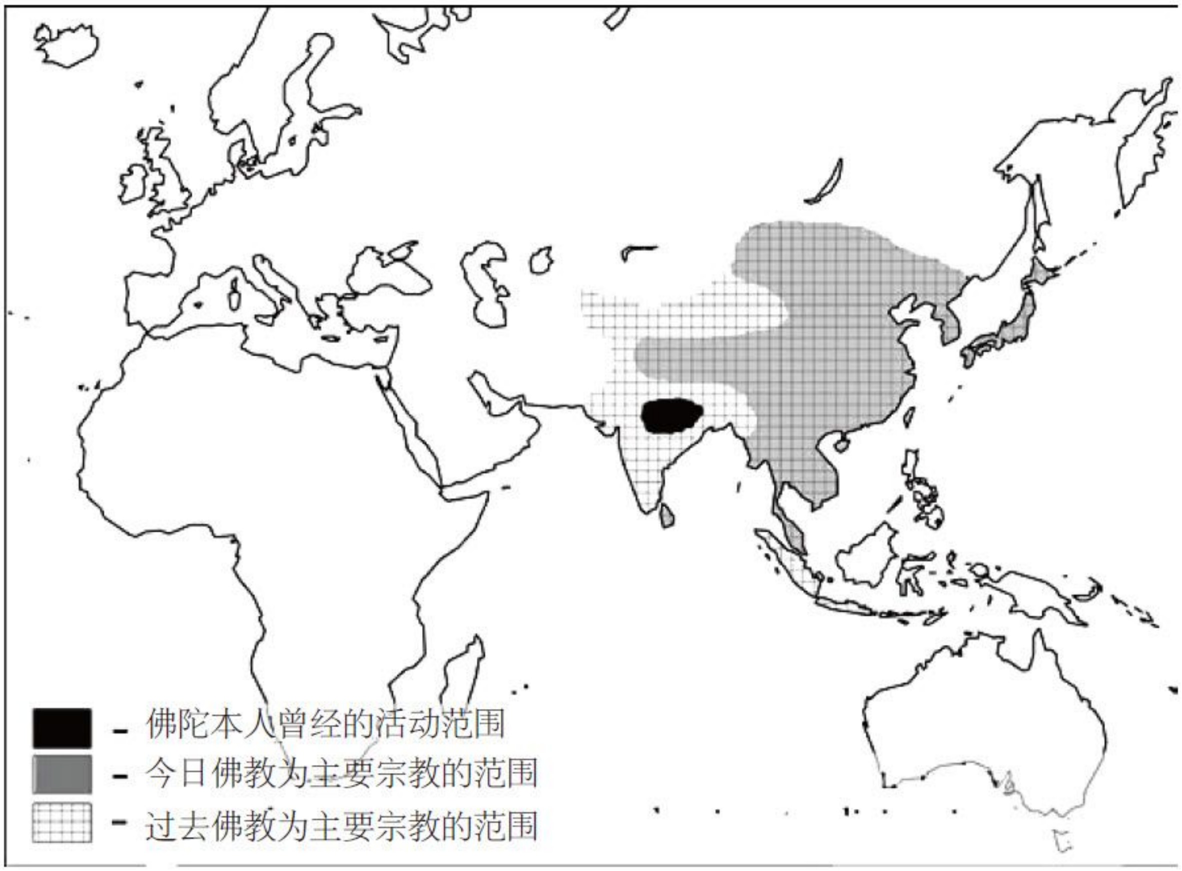
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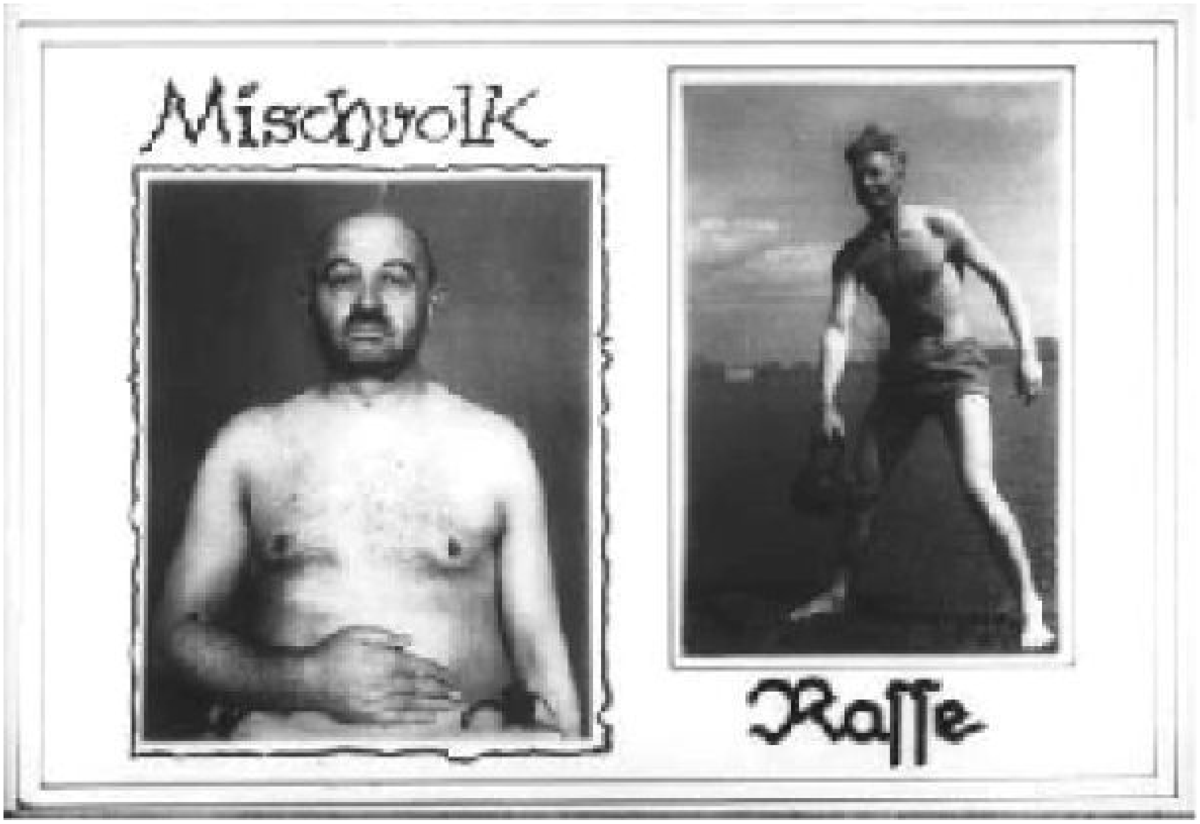
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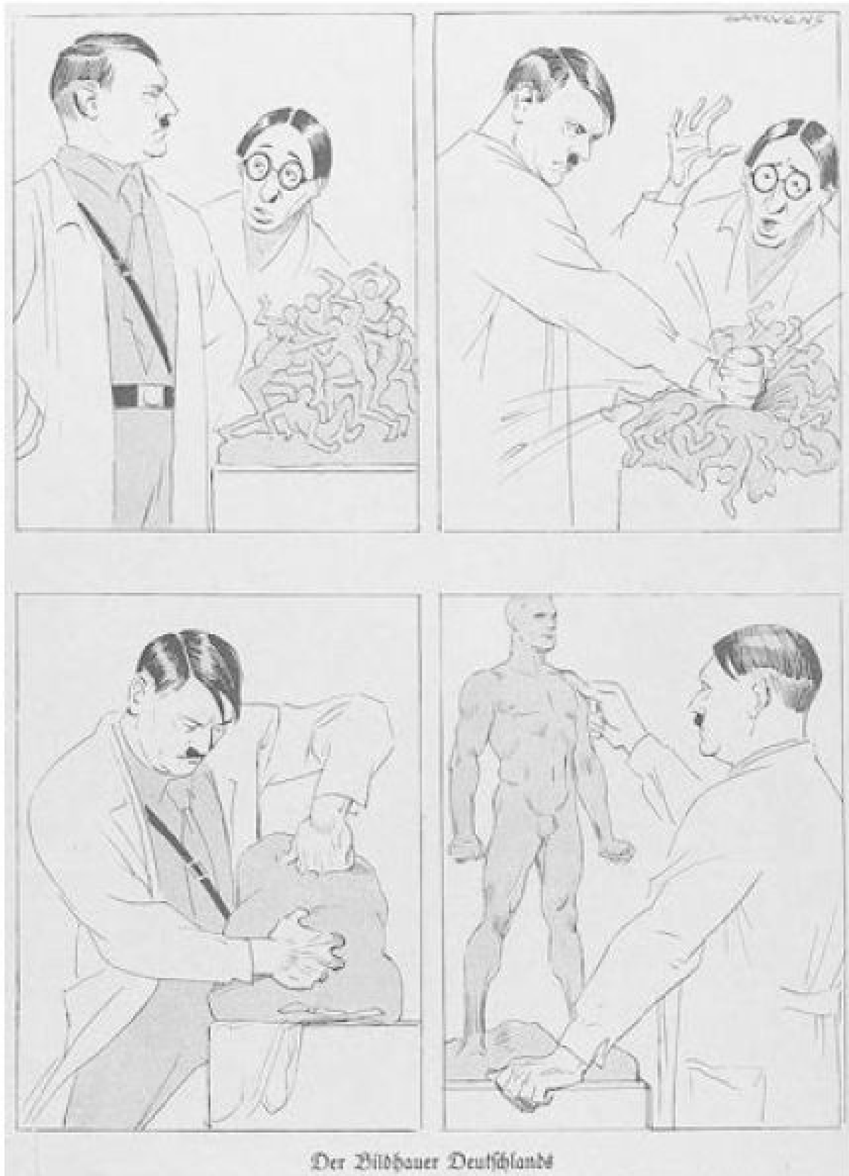
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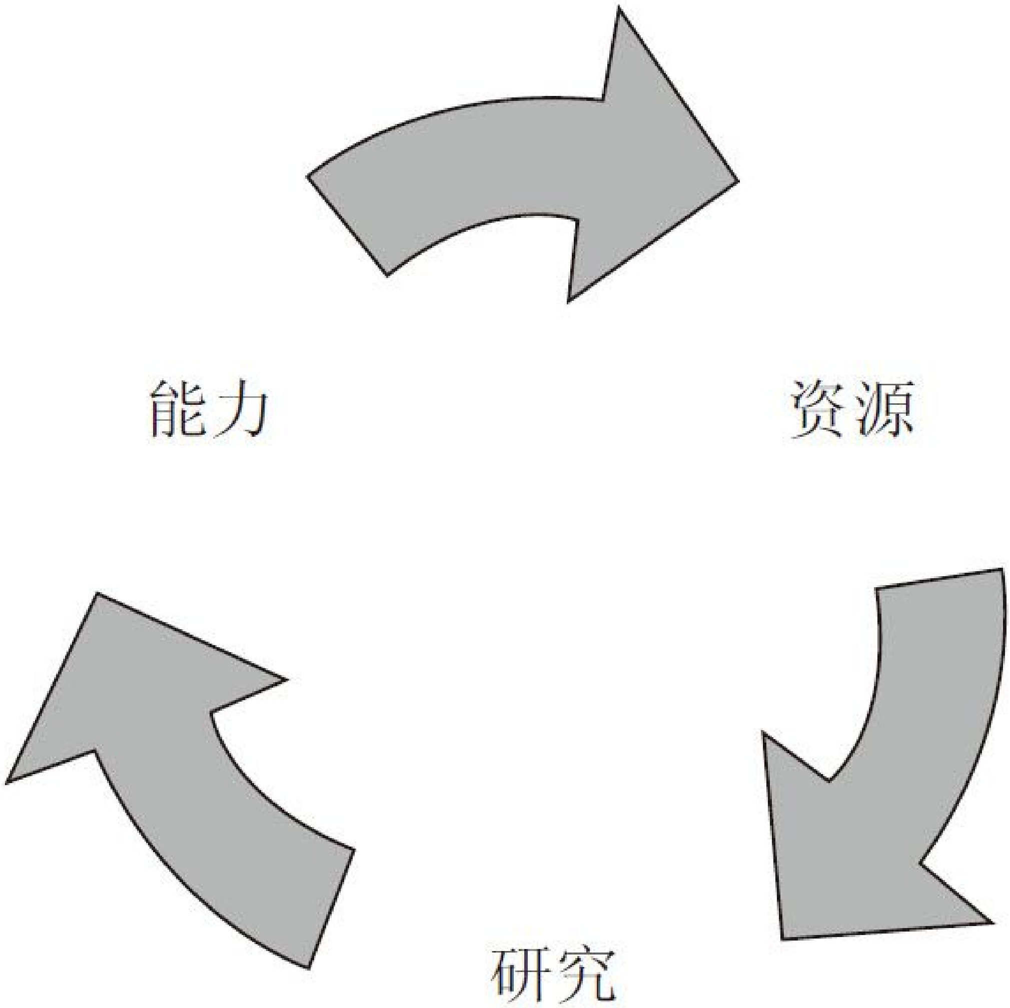
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[illegible]1687[illegible]*The Mathematical Principles of Natural Philosophy*[illegible]

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$$(3)\ \vec{F}_{1,2} = -\vec{F}_{2,1}$$

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1744 · Alexander Webster · Robert Wallace

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· Jacob Bernoulli Law of Large Numbers · Edmond Halley 50 Breslau 1238 1174 20 1:100 50 1:39

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Alfred Russel Wallace

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[illegible]·[illegible]Charles Green[illegible]·[illegible]Joseph Banks[illegible]·[illegible]Daniel Solander[illegible]·[illegible]James Cook[illegible]

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[illegible]85[illegible]“[illegible]”[illegible][82]

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[illegible]15[illegible]16[illegible]Prince Henry the Navigator[illegible]“[illegible]”[illegible]

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1831[illegible]“[illegible]”[illegible]HMS Beagle[illegible]22[illegible]

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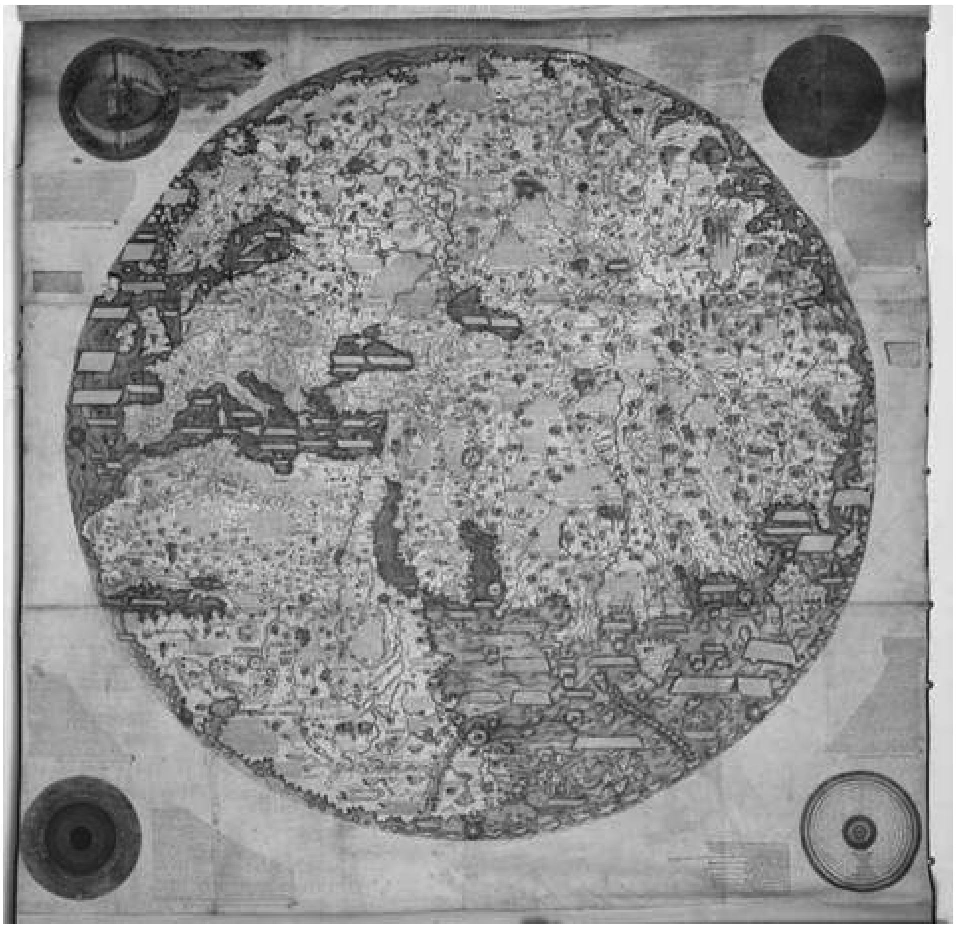
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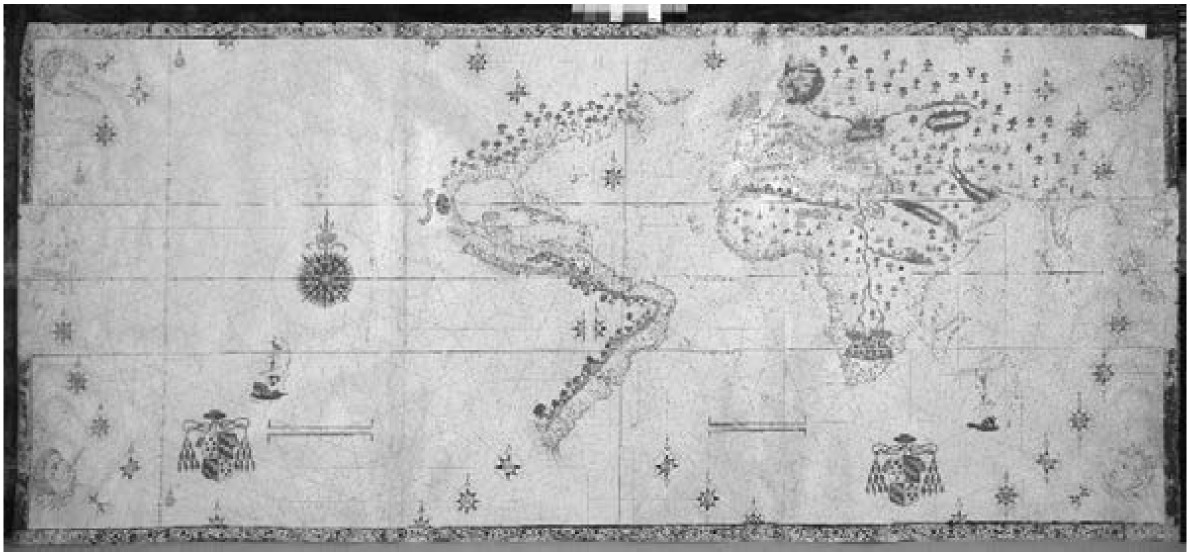
1492[illegible]7000[illegible]1492[illegible]10[illegible]12[illegible]2[illegible]Pinta[illegible]·[illegible]·[illegible]Juan Rodriguez Bermejo[illegible]“[illegible]”

“Indies” … “Indians” … “ ” … 1969 … 11 …

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[illegible]·[illegible]3000[illegible]“[illegible]”[illegible]Arya[illegible]“[illegible]”[illegible]Airiia[illegible]“[illegible]”[illegible]Aryan[illegible]

[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]culturism[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]Front National[illegible]·[illegible]·[illegible]Marine le Pen[illegible]“[illegible]”[illegible]Party for Freedom[illegible]Alliance for the Future of Austria[illegible]

[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]1500[illegible]2500[illegible]60[illegible]1500[illegible]550[illegible]8800[illegible][91][illegible]

[illegible]

[illegible]A[illegible]

[illegible]B[illegible]100[illegible]A[illegible]100[illegible]

[illegible]C[illegible]A[illegible]A[illegible]100[illegible]C[illegible]100[illegible]

[illegible]C[illegible]B[illegible]100[illegible]

[illegible]B[illegible]B[illegible]A[illegible]

[illegible]B[illegible]200[illegible]

[illegible]100[illegible]

[illegible]B[illegible]C[illegible]200[illegible]C[illegible]A[illegible]100[illegible]

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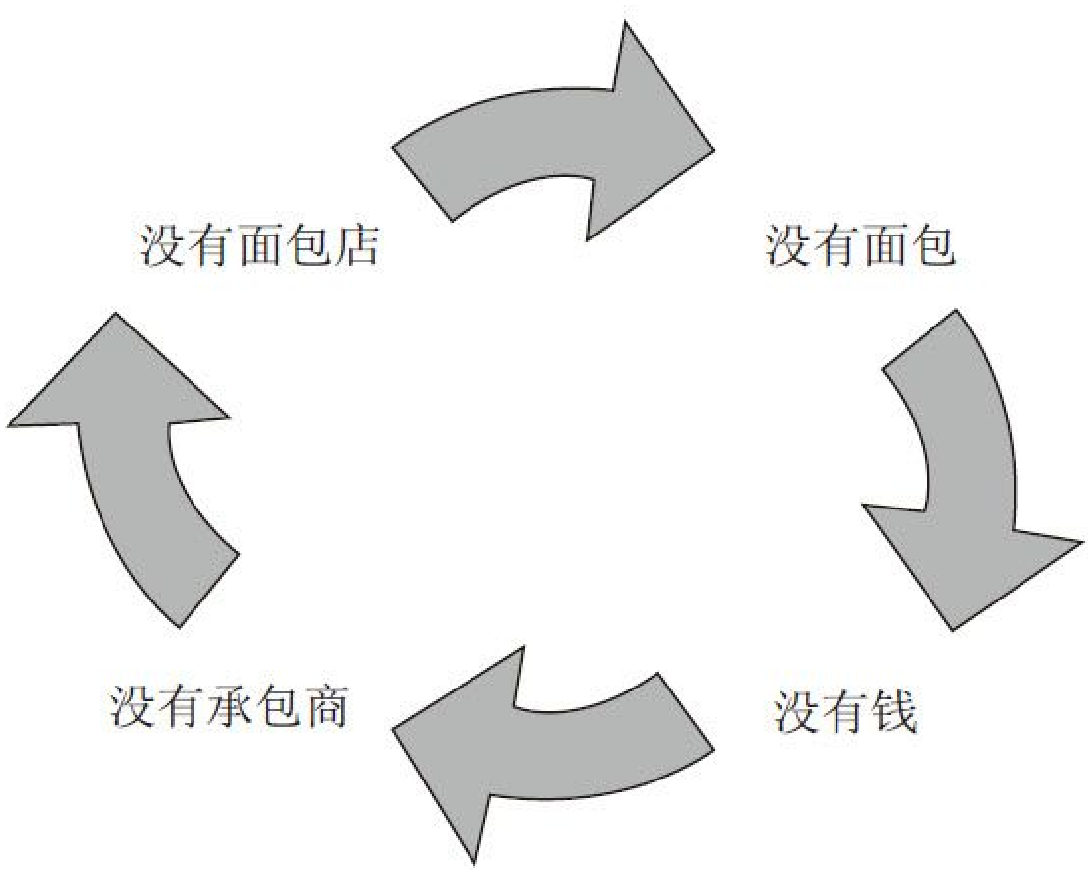
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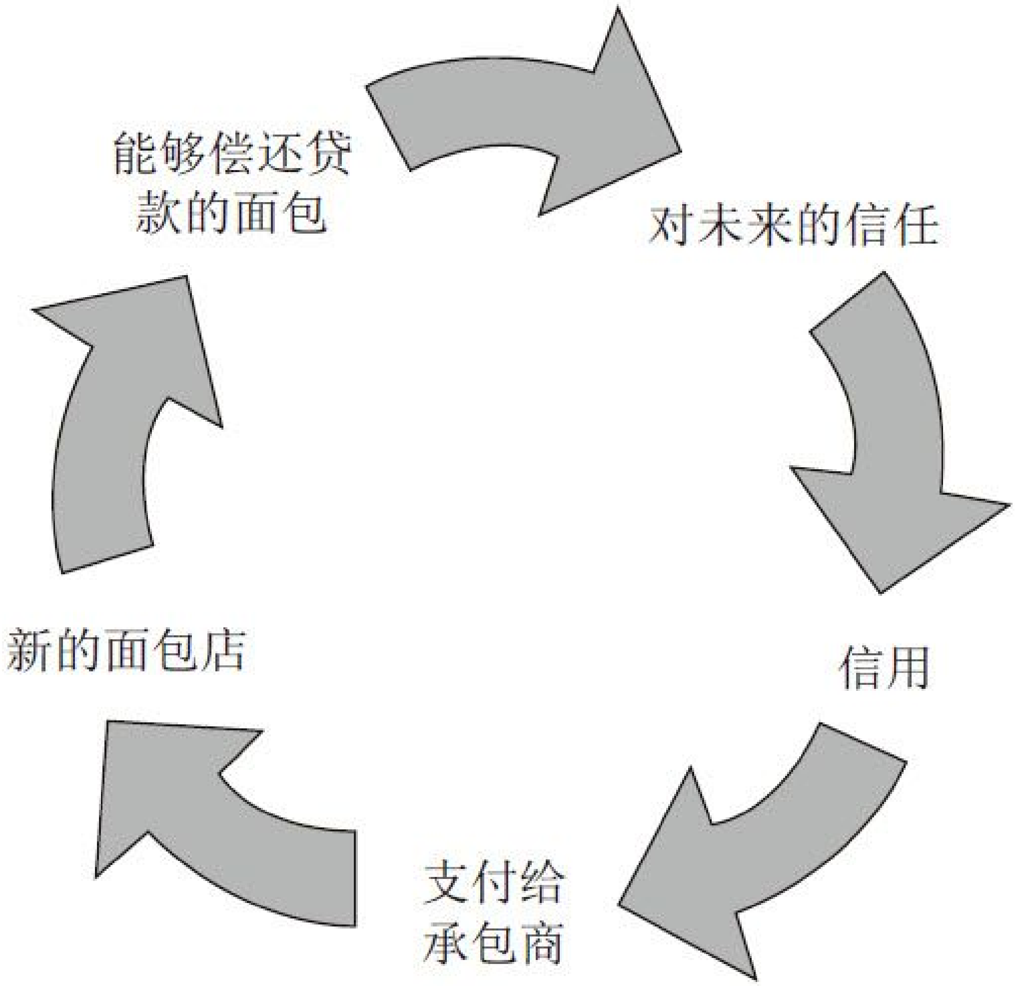
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[illegible]“[illegible]”[illegible]“[illegible]”[illegible]C[illegible]A[illegible]C[illegible]A[illegible]C[illegible]B[illegible]A[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]C[illegible]


没有面包店
没有面包
没有钱
没有承包商


能够偿还贷
款的面包
对未来的信任
信用
支付给
承包商
新的面包店

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[illegible]

[illegible]

[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

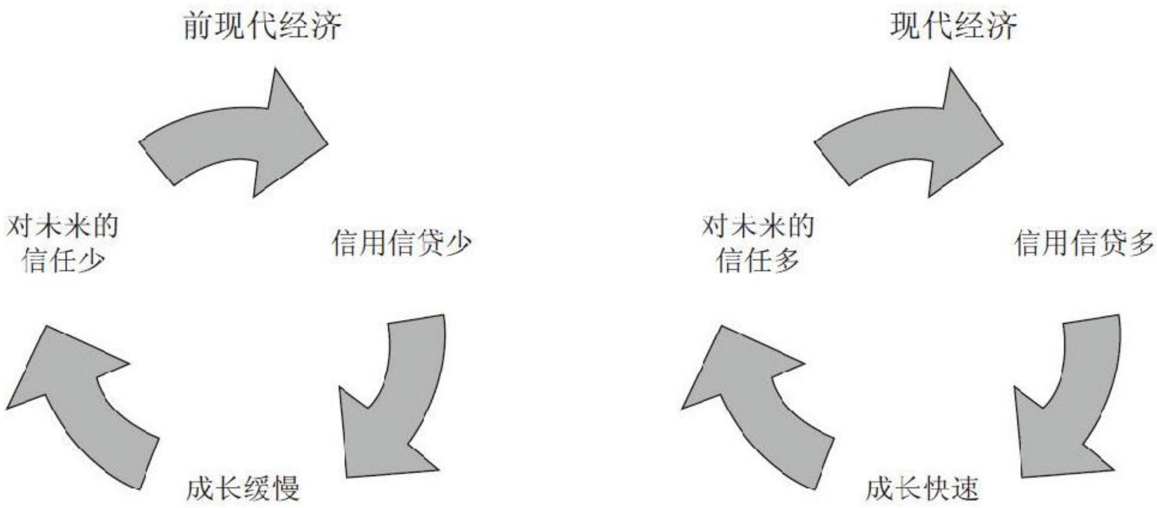
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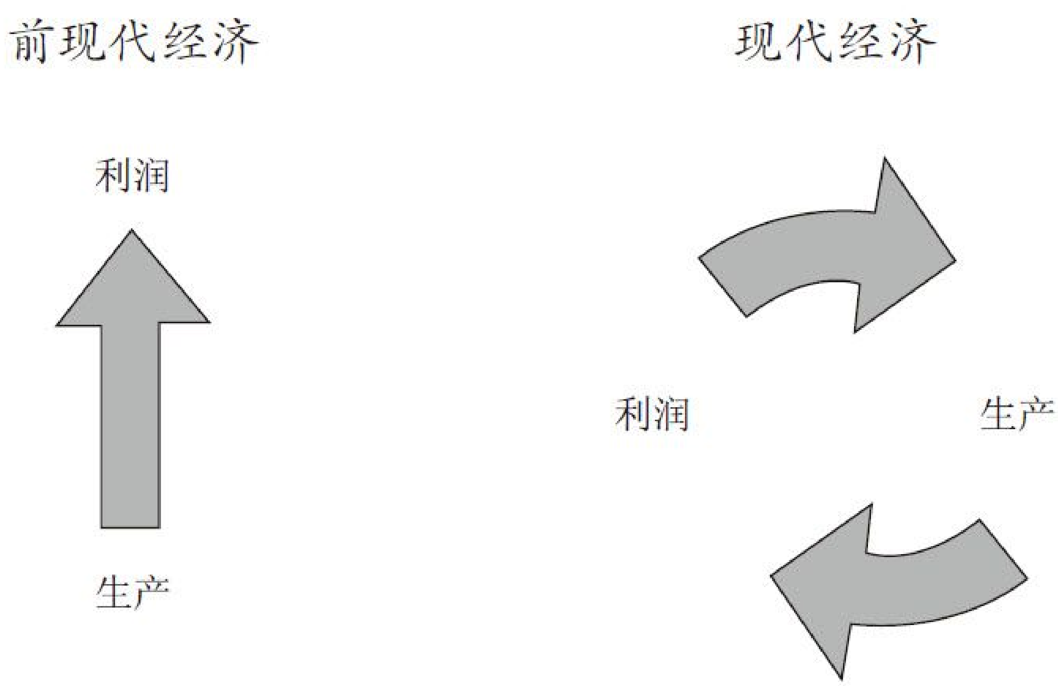
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前现代经济
对未来的
信任少
信用信贷少
成长缓慢
现代经济
对未来的
信任多
信用信贷多
成长快速

[illegible]“[illegible]”

[illegible]“[illegible]”[illegible]Capitalism[illegible]“[illegible]”[illegible]capital[illegible]“[illegible]”[illegible]wealth[illegible]



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[illegible]2008[illegible]

[illegible]

[illegible]18[illegible]

[illegible]Isfahan[illegible]Nader Shah[illegible]

[illegible]

1484[illegible]

[illegible]Ferdinand[illegible]Isabella[illegible]

[illegible]

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[illegible]16[illegible]

1568[illegible]·[illegible]80[illegible]

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[illegible]Vereenigde Oostindische Compagnie[illegible]VOC[illegible]1602[illegible]

[illegible]17[illegible]1603[illegible]

[illegible]200[illegible]1800[illegible]150[illegible]21[illegible]

[illegible]WIC[illegible]“[illegible]”[illegible]New Amsterdam[illegible]1664[illegible]“[illegible]”[illegible]New York[illegible]“[illegible]”[illegible]Wall Street[illegible]“[illegible]”[illegible]

* * *

[illegible]17[illegible]18[illegible]Mississippi Bubble[illegible]

[illegible]1717[illegible]Mississippi Company[illegible]New Orleans[illegible]·[illegible]John Law[illegible]1717[illegible]500[illegible]livre[illegible]1719[illegible]8[illegible]1[illegible]2750[illegible]8[illegible]30[illegible]4100[illegible]9[illegible]4[illegible]5000[illegible]12[illegible]2[illegible]10000[illegible]

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[illegible]Leadenhall Street[illegible]35[illegible]

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[illegible]1800[illegible]1858[illegible]19[illegible]

[illegible]1840~1842[illegible]19[illegible]30[illegible]

1840[illegible]“[illegible]”[illegible]1997[illegible]19[illegible]4000[illegible]1/10。[93]

[illegible]19[illegible]1881[illegible]“[illegible]”。

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[illegible]1821[illegible]

[illegible]1827[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]“[illegible]”[illegible]1719[illegible]2007[illegible]

[illegible]

[illegible]·[illegible]

[illegible]

[illegible]

[illegible]

[illegible]17[illegible]19[illegible]8[illegible]

[illegible]

[illegible]16[illegible]19[illegible]1000[illegible]

[illegible]

[illegible]18[illegible]6%[illegible]

[illegible]“[illegible]”[illegible]

[illegible]1000[illegible]

* * *

[illegible]19[illegible]1876[illegible]Leopold II[illegible]1885[illegible]230[illegible]75[illegible]Congo Free State[illegible]

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1908[illegible]1945[illegible]2013[illegible]1500[illegible]500[illegible]

[illegible]8500[illegible]

[illegible]“[illegible]”[illegible]

[illegible]2013[illegible]1913[illegible]

[illegible]

300

1700

1700

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[illegible]

[illegible]

[illegible]

9[illegible]600[illegible]

[illegible]3[illegible]1700[illegible]

[illegible]18[illegible]

[illegible]

[illegible]

1825[illegible]20[illegible]1830[illegible]9[illegible]15[illegible]20[illegible][95]

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[illegible]

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3000[illegible][97][illegible]500[illegible]90[illegible][98][illegible]

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[illegible]

[illegible]/[illegible]3–[illegible]

[illegible]

[illegible]·[illegible]Fritz Haber[illegible]1908[illegible]1918[illegible]

11[illegible][100][illegible]1918[illegible]

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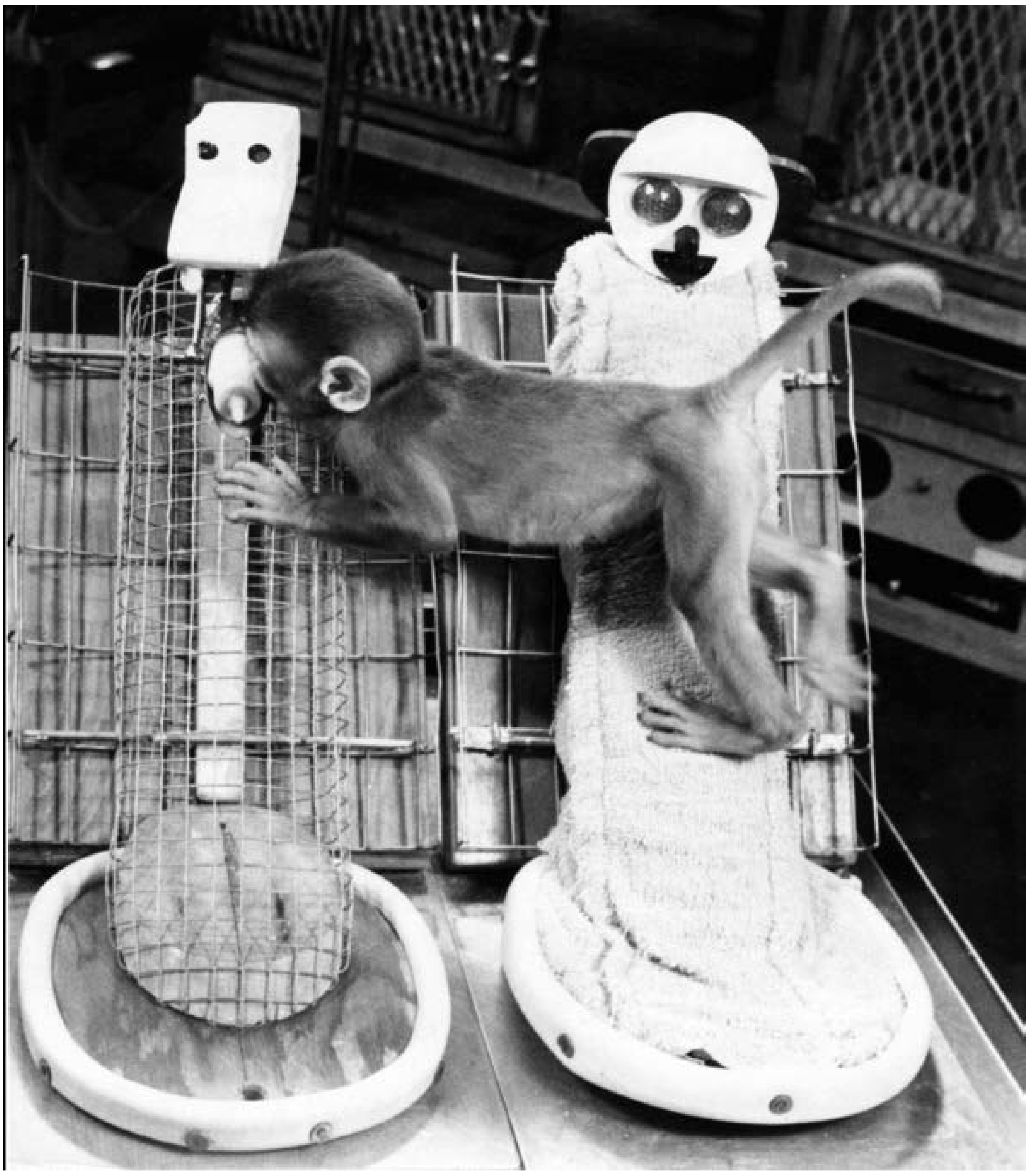
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[illegible]20[illegible]50[illegible]·[illegible]Harry Harlow[illegible]



[illegible]26 [illegible]

[illegible][102]

[illegible]“[illegible]”[illegible]2%[illegible][103][illegible]2%[illegible]

[illegible]

[illegible]

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[illegible]“[illegible]”[illegible]

[illegible]

[illegible]Telma[illegible]

[illegible]……[illegible]

[illegible]“[illegible]”[illegible]Health Treats[illegible]

[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]

[illegible]Memorial Day[illegible]

[illegible]

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[illegible]

[illegible]——“[illegible]”[illegible]——“[illegible]”

[illegible]/[illegible]

[illegible]/[illegible]

[illegible]

[illegible]

[illegible]

[illegible]70[illegible]3[illegible]7[illegible]1[illegible]8[illegible]15[illegible]20[illegible]4[illegible]25[illegible]70[illegible][104]

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[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]6500[illegible]DNA[illegible]6500[illegible]

[illegible]1700[illegible]7[illegible]1800[illegible]9.5[illegible]1900[illegible]16[illegible]2000[illegible]60[illegible]2014[illegible]70[illegible]

[illegible]

[illegible]

[illegible]“[illegible]”[illegible]

[illegible]

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[illegible]8:00[illegible]7:55[illegible]1784[illegible]12:00[illegible]12:20[illegible]11:50[illegible][105]

[illegible]1830[illegible]10[illegible]1847[illegible]1880[illegible]

[illegible]

[illegible]DVD[illegible]

[illegible]7[illegible]50[illegible]3[illegible]7:40[illegible]7[illegible]50[illegible]

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[illegible]

[illegible] [1] [illegible]

[illegible]

[illegible]

[illegible]

[illegible] pasha [illegible]

[illegible] 1368~1644 [illegible] “[illegible]” [illegible] 10 [illegible] “[illegible]” [illegible] 110 [illegible] “[illegible]” [illegible]

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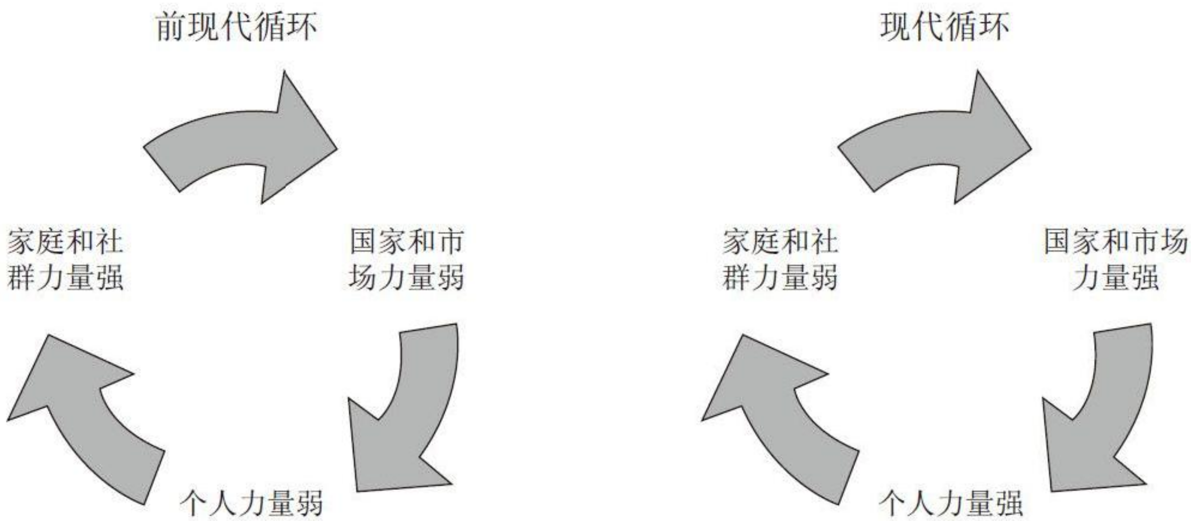
[illegible] “[illegible]”

[illegible]

[illegible]

[illegible]

[illegible]/[illegible] vs. [illegible]/[illegible]


前现代循环
家庭和社群力量强
国家和市场力量弱
个人力量弱
现代循环
家庭和社群力量弱
国家和市场力量强
个人力量强

[illegible]

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[illegible]

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[illegible]

[illegible]/[illegible]

[illegible]

[illegible]

[illegible]“[illegible]”[illegible]imagined communities[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]8000[illegible]5[illegible]

[illegible]“[illegible]”[illegible]

[illegible]

[illegible]“[illegible]”[illegible]

[illegible]1918[illegible]Kurdistan[illegible]Basra[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]·[illegible]Saddam Hussein[illegible]Hafez el-Asad[illegible]

[illegible]“[illegible]”[illegible]Hammurabi Division[illegible]

[illegible]CD[illegible]

[illegible]

[illegible]“[illegible]”[illegible]

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[illegible]1789[illegible]1848[illegible]1917[illegible]“[illegible]”[illegible]20[illegible]90[illegible]20[illegible]

[illegible]

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[illegible]19[illegible]20[illegible]Robespierre[illegible]

[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]70[illegible][106]

[illegible]

[illegible]1000[illegible]

[illegible]2000[illegible]31[illegible]52[illegible]2000[illegible]83[illegible]5600[illegible]1.5%[illegible]126[illegible]2.25%[illegible]81.5[illegible]1.45%[illegible][107]

2002[illegible]5700[illegible]17.2[illegible]56.9[illegible]74.1[illegible]87.3[illegible][108][illegible]“9·11”[illegible]

[illegible]Sherwood Forest[illegible]

[illegible][109][illegible]10[illegible]20~40[illegible]10[illegible]9[illegible]10[illegible]1[illegible][110]

[illegible]20[illegible]1964[illegible]1985[illegible]20[illegible]Arawete[illegible]Yanomamo[illegible]25%~50%[illegible][111]

[illegible]

[illegible]1945[illegible]1945[illegible]

[illegible]1945[illegible]1/4[illegible]30[illegible]

1989[illegible]1989[illegible]·[illegible]·[illegible]

[illegible]

[illegible]

[illegible]1945[illegible]

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[illegible]1941[illegible]1932~1935[illegible]1879~1884[illegible]

[illegible]1990[illegible]1970[illegible]–[illegible]–[illegible]–[illegible]

[illegible]20[illegible]60[illegible]70[illegible]

[illegible]1871~1914[illegible]“[illegible]”[illegible]“[illegible]”[illegible]1871~1914[illegible]“[illegible]”[illegible]19[illegible]450[illegible]449[illegible]

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[illegible]1500[illegible]

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[illegible]·[illegible]

[illegible]1945[illegible]1962[illegible]2014[illegible]

[illegible]

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[1] [illegible]“[illegible]”[illegible]intimate community[illegible]

[illegible]
[illegible]

[illegible] 500 [illegible]

[illegible] 5 [illegible] 7 [illegible] 3 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]33%[illegible]5%[illegible]

[illegible]

[illegible]1850[illegible]20[illegible]20[illegible]1945[illegible]21[illegible]19[illegible]

[illegible]

[illegible] 1/10 [illegible]

[illegible]

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[illegible] “[illegible]” [illegible]

[illegible] 0 [illegible] 10 [illegible] “[illegible]” [illegible] “[illegible]” [illegible] “[illegible]” [illegible] “[illegible]” [illegible]

[illegible] 1000 [illegible] 10 [illegible] 1000 [illegible] 5 [illegible] 8.7 [illegible] 7.3 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 1800 [illegible] “[illegible]” [illegible]

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[illegible]

[illegible]

[illegible]5000[illegible]18[illegible]50[illegible]

[illegible]Ramses II[illegible]2011[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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[illegible]25℃[illegible]20℃[illegible]1[illegible]10[illegible]6[illegible]10[illegible]8[illegible]3[illegible]7[illegible]5[illegible]7[illegible]

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[illegible]

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[illegible]X[illegible]X[illegible]

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[illegible]Prozac[illegible]

[illegible]New Age[illegible]“[illegible]”[illegible][112]

1932[illegible]“[illegible]”[illegible]soma[illegible]1984[illegible]

[illegible]

[illegible]“[illegible]”[illegible]

[illegible]·[illegible]（Daniel Kahneman）[illegible]

[illegible]“[illegible]”[illegible][113][illegible]

[illegible]“[illegible]”[illegible]

[illegible]

[illegible]

[illegible]

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[illegible]“[illegible]”[illegible]

[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”[illegible]“[illegible]”

[illegible]“[illegible]”[illegible][2]

[illegible]

[illegible]Dawkins[illegible]DNA[illegible]DNA[illegible]

[illegible][114][illegible]

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[2]

[illegible]

[illegible]

[illegible]21[illegible]intelligent design[illegible]

[illegible]40[illegible]“[illegible]”[illegible]

[illegible]

[illegible]

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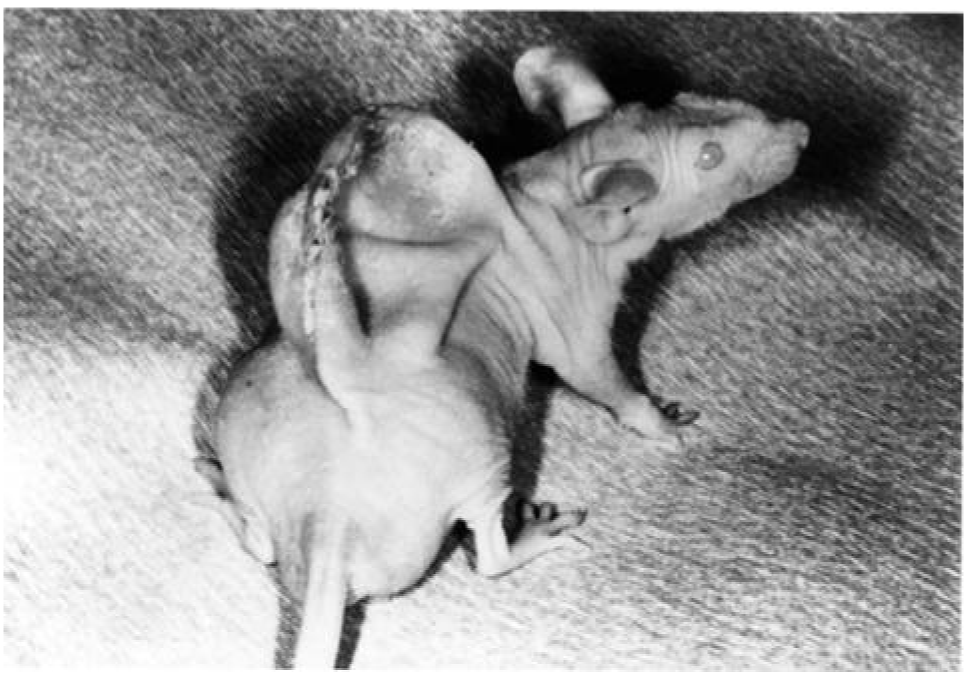
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[illegible]

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[illegible]·[illegible]George Church[illegible]Neanderthal Genome Project[illegible]DNA[illegible]3[illegible]3[illegible][124]

[illegible]

[illegible]25[illegible]29[illegible]14%[illegible][125][illegible]

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[illegible]

[illegible]

[illegible]

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[illegible]“[illegible]”[illegible]cyborg[illegible]

[illegible]Defense Advanced Research Projects Agency[illegible][126][illegible]2006[illegible]Naval Undersea Warfare Center[illegible]“[illegible]”[illegible][127]

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[illegible]

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[illegible]

[illegible]genetic programming[illegible]primum mobile[illegible]

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[illegible]“[illegible]”[illegible]

[illegible]

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